Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 31 Jan 2023 until 23:59 on Wednesday 01 Feb 2023

Forecast Issued on Monday 30 Jan 2023 at 16:28

Confidence: High for a cold, bright and showery day on Tuesday and for a change to milder, cloudier conditions from Wednesday.

Headline for Tuesday 31 Jan 2023: Sunny spells and snow showers. Very cold with westerly summit gales.

Mountain weather hazards on Tuesday 31 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
60%	80%	20%	20%	20%	30%	30%	40%

Forecast for Tuesday 31 Jan 2023

Weather: Cloudy with outbreaks of rain through the early hours, these becoming persistent and occasionally heavy for a time, before clearing southeastwards later with clear spells developing. Then a bright day with a mix of sunny spells and blustery snow showers, these falling increasingly as rain below about 450m. The showers may be occasionally heavy and, during the evening, become a little more frequent for a time.

Chance of cloud-free hill tops above 600m: Around 60% in west, 75% in east, but chances fall in evening

Low Cloud and visibility: Occasional, but periods at times in west and more generally in evening, above about 450-600m. Away from cloud visibility very good falling to several kilometres in overnight rain and a kilometre or less at times in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 31 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/35 SW	26/38 SW	24/35 W	25/38 W	25/37 W	23/35 W	24/36 W	27/42 W	26/39 W
300	15/33 SW	17/35 SW	16/33 W	16/35 W	16/33 W	16/32 W	16/33 W	19/39 W	17/36 W
Valley	13/30 SW	13/29 SW	13/29 W	13/30 W	16/34 W	16/33 W	15/32 W	18/38 W	16/35 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	3/-3	4/-2	2/-5	0/-6	1/-6	1/-6	1/-6	1/-6
300	4/-0	5/0	6/2	4/-0	4/-1	4/-1	3/-2	3/-2	3/-2
Valley	6/2	6/3	7/4	6/2	6/2	6/1	5/1	5/0	5/0
Freezing Level*	1200m	1300m	1100m	800m	600m	700m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 55mph expected over ridges and summits, especially through the evening. Increasing chill effect.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 30 Jan 2023	1mm	6.2mm	6.2mm

Forecast for Wednesday 01 Feb 2023

Weather: Snow showers giving way, through the early hours, to a more prolonged spell of rain, with some summit sleet and wet snow possible. Then a cloudy day with outbreaks of rain, heaviest and most persistent over western fells.

Maximum wind: Westerly 25-35mph, gusts around 55mph over ridges and summits, easing 20-25mph, gusts around 40mph, by early afternoon

Chance of cloud-free hill tops above 600m: Little chance over western hills but nearer 25% over eastern hills.

Low Cloud and visibility: Periods or persistent cloud above 450-600m, with patches below in west, but cloud more occasional above 750m at times in east. Away from cloud visibility good falling to several kilometres in rain and around a kilometre in any summit wintriness.

Temperature: **Valleys:** Around plus 3 or 4 Celsius at dawn rising to plus 8 Celsius by day.
At 600m: Around plus 1 Celsius rising to plus 4 Celsius
Freezing level: Around 700m rising above the summits

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